

REPRESENTING AND MANIPULATING CORRELITHM OBJECTS  
USING QUANTUM OBJECTS

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ABSTRACT OF THE DISCLOSURE

Performing operations using quantum correlithm  
objects includes establishing real states, where each  
real state comprises an element of a real space, and  
10 encoding the real states as quantum objects representing  
a correlithm object. The correlithm object is projected  
to the real space using a measurement basis, and  
measurement values corresponding to the measurement basis  
are determined. The projected correlithm object is  
15 retrieved according to the measurement values.